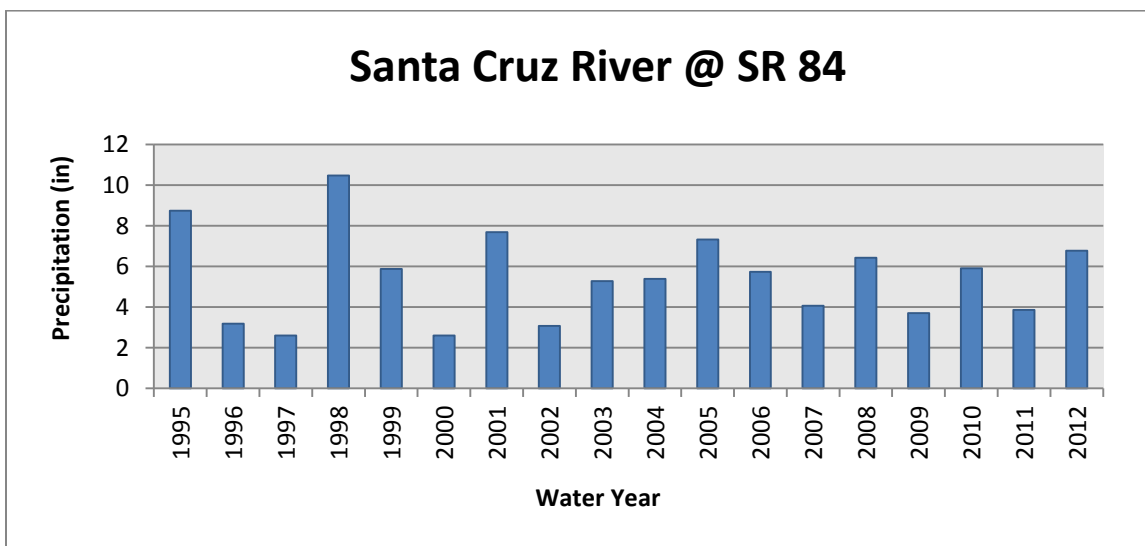




## Station Name: Santa Cruz River at SR 84

|                                    |                              |
|------------------------------------|------------------------------|
| <b>Station ID Number History:</b>  | <b>785</b> since 03/16/1994  |
| <b>Station Type:</b>               | Rain / Stream                |
| <b>Data Begins:</b>                | 03/16/1994                   |
| <b>Years of Record:</b>            | 18.55 (as of 10/01/12)       |
| <b>Data Repeater:</b>              | Sacaton Peak                 |
| <b>TRS:</b>                        | T6S-R5E-Section 21           |
| <b>Latitude:</b>                   | 32° 52' 46.3" (32.8795)      |
| <b>Longitude:</b>                  | 111° 49' 44.2" (111.8289)    |
| <b>Elevation:</b>                  | 1,350 ft. msl                |
| <b>Location:</b>                   | 3 mi. West of SR 93 on SR 84 |
| <b>Data Record:</b>                |                              |
| Partial Months (>10 days missing): | None                         |
| Missing Months:                    | None                         |
| <b>Remarks:</b>                    | Records Good                 |



**Data Statistics for Period of Record:**

|   |                   |                        |
|---|-------------------|------------------------|
| Number of storms greater than 1 inch in 24 hours:   | 12                |                        |
| Number of storms greater than 2 inches in 24 hours: | 0                 |                        |
| Number of storms greater than 3 inches in 24 hours: | 0                 |                        |
|   |                   | Approx. T <sub>r</sub> |
| Greatest 15 minute total:                           | 0.71" on 07/31/10 | 6 years                |
| Greatest 1 hour total:                              | 1.57" on 08/31/99 | 20 years               |
| Greatest 3 hour total:                              | 1.57" on 08/31/99 | 11 years               |
| Greatest 6 hour total:                              | 1.61" on 08/31/99 | 7 years                |
| Greatest 24 hour total:                             | 1.89" on 03/11/06 | 5 years                |
| Greatest 72 hour total:                             | 1.97" on 01/21/10 | 4 years                |

**Water Year Totals (Mean of Complete Water Years [18] = 5.53 inches):**

| Water Year | Total | Water Year | Total | Water Year | Total |
|------------|-------|------------|-------|------------|-------|
| 2020       |       | 2010       | 5.91  | 2000       | 2.60  |
| 2019       |       | 2009       | 3.70  | 1999       | 5.87  |
| 2018       |       | 2008       | 6.42  | 1998       | 10.47 |
| 2017       |       | 2007       | 4.06  | 1997       | 2.60  |
| 2016       |       | 2006       | 6.65  | 1996       | 3.19  |
| 2015       |       | 2005       | 7.32  | 1995       | 8.74  |
| 2014       |       | 2004       | 5.39  | 1994       | M     |
| 2013       |       | 2003       | 5.28  | 1993       |       |
| 2012       | 6.77  | 2002       | 3.07  | 1992       |       |
| 2011       | 3.86  | 2001       | 7.68  | 1991       |       |

M: One or more months contain partial or missing data

**Design Rainfall for this Geographic Location:**

**Click this [link](#) for Point Precipitation Frequency Estimates  
(Annual Maximum Series) in Tabular and Graphical Formats  
from NOAA Atlas 14, Volume I, Version 5**

Flood Control District of Maricopa County ALERT System  
Daily Rainfall at Santa Cruz R. @ SR 84 (gage # 785) for Water Year 2012

| DAY                      | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 2                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 3                        |      |      | .12  |      |      |      |      |      |      |      |      |      |
| 4                        |      |      |      |      |      |      |      |      |      | 1.61 |      |      |
| 5                        |      | .16  |      |      |      |      |      |      |      |      |      |      |
| 6                        | .04  |      |      |      |      |      |      |      |      |      |      |      |
| 7                        |      | .08  |      |      |      |      |      |      |      |      |      | .08  |
| 8                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 9                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 10                       |      |      |      |      |      |      |      |      |      |      |      | .20  |
| 11                       |      |      |      |      |      |      |      |      |      | .04  |      | .12  |
| 12                       |      |      | .28  |      |      |      |      |      |      | .12  |      |      |
| 13                       |      | .08  | .71  |      |      |      |      |      |      | .04  |      |      |
| 14                       |      |      | .04  |      | .24  |      | .08  |      |      |      | .39  |      |
| 15                       |      |      |      |      |      |      |      |      |      |      | .08  |      |
| 16                       |      |      |      | .12  |      |      |      |      |      |      |      |      |
| 17                       |      |      |      |      |      |      |      |      |      |      | .04  |      |
| 18                       |      |      | .04  |      |      | .91  |      |      |      |      |      |      |
| 19                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 20                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 21                       |      |      |      |      |      |      |      |      |      |      | .87  |      |
| 22                       |      |      |      |      |      |      |      |      |      |      | .08  |      |
| 23                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 24                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 25                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 26                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 27                       |      |      |      |      |      |      |      |      | .16  |      |      |      |
| 28                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 29                       |      |      |      |      |      |      |      |      |      | .08  |      |      |
| 30                       |      |      |      |      | ---- |      |      |      |      |      |      |      |
| 31                       |      | ---- |      |      | ---- |      | ---- |      | ---- |      |      | ---- |
| SUM                      | 0.04 | 0.31 | 1.18 | 0.12 | 0.24 | 0.91 | 0.08 | 0.00 | 0.16 | 1.89 | 1.46 | 0.39 |
| ACC                      | 0.04 | 0.35 | 1.54 | 1.65 | 1.89 | 2.80 | 2.88 | 2.88 | 3.04 | 4.92 | 6.38 | 6.77 |
| MAX                      | 0.04 | 0.16 | 0.71 | 0.12 | 0.24 | 0.91 | 0.08 | 0.00 | 0.16 | 1.61 | 0.87 | 0.20 |
| NO.                      | 1    | 3    | 5    | 1    | 1    | 1    | 1    | 0    | 1    | 5    | 5    | 3    |
| Maximum Daily Rainfall   |      |      |      |      |      |      | 1.61 |      |      |      |      |      |
| Maximum Monthly Rainfall |      |      |      |      |      |      | 1.89 |      |      |      |      |      |
| Total Annual Rainfall    |      |      |      |      |      |      | 6.77 |      |      |      |      |      |
| Number of Days with Rain |      |      |      |      |      |      | 27   |      |      |      |      |      |

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz R. @ SR 84 (gage # 785) for Water Year 2011**

| DAY                      | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  |      |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 2                        | .16  |      |      |      |      |      |      |      |      |      |      |      |      |
| 3                        |      |      |      |      |      |      |      |      |      |      | .04  |      |      |
| 4                        |      |      |      |      |      |      |      |      |      | .08  |      |      |      |
| 5                        | .16  |      |      |      |      |      |      |      |      | .08  |      |      |      |
| 6                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 7                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 8                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 9                        |      |      |      |      |      |      | .51  |      |      |      |      | .04  |      |
| 10                       |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 11                       |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 12                       |      |      |      |      | ---- |      |      |      |      | .20  |      | .04  |      |
| 13                       |      |      |      |      |      |      |      |      |      |      |      | .24  |      |
| 14                       |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 15                       | ---- |      |      |      |      |      |      |      |      |      |      |      |      |
| 16                       | ---- |      | .08  |      |      |      |      |      |      |      |      |      |      |
| 17                       | ---- |      | .04  |      |      |      |      |      |      |      |      |      |      |
| 18                       |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 19                       |      |      |      |      | .35  |      |      |      |      |      |      |      |      |
| 20                       |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 21                       | .16  |      |      |      |      | .08  |      |      |      |      |      |      |      |
| 22                       |      |      |      |      |      | .04  |      |      |      |      |      |      |      |
| 23                       |      |      | .16  |      |      |      |      |      |      |      |      |      |      |
| 24                       |      |      | .04  |      |      |      |      |      |      | .12  |      |      |      |
| 25                       |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 26                       |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 27                       |      |      |      |      | .31  |      |      |      |      |      | .39  |      |      |
| 28                       |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 29                       |      |      | .16  |      | ---- |      |      |      |      |      |      |      |      |
| 30                       |      |      | .31  |      | ---- |      |      |      |      |      |      |      |      |
| 31                       |      | ---- |      |      | ---- |      | ---- |      | ---- | .08  |      | ---- |      |
| SUM                      | 0.47 | 0.00 | 0.79 | 0.00 | 0.67 | 0.12 | 0.51 | 0.00 | 0.00 | 0.55 | 0.43 | 0.31 |      |
| ACC                      | 0.47 | 0.47 | 1.26 | 1.26 | 1.93 | 2.05 | 2.56 | 2.56 | 2.56 | 3.11 | 3.54 | 3.86 |      |
| MAX                      | 0.16 | 0.00 | 0.31 | 0.00 | 0.35 | 0.08 | 0.51 | 0.00 | 0.00 | 0.20 | 0.39 | 0.24 |      |
| NO.                      | 3    | 0    | 6    | 0    | 2    | 2    | 1    | 0    | 0    | 5    | 2    | 3    |      |
| Maximum Daily Rainfall   |      |      |      |      |      |      |      |      |      |      |      |      | 0.51 |
| Maximum Monthly Rainfall |      |      |      |      |      |      |      |      |      |      |      |      | 0.79 |
| Total Annual Rainfall    |      |      |      |      |      |      |      |      |      |      |      |      | 3.86 |
| Number of Days with Rain |      |      |      |      |      |      |      |      |      |      |      |      | 24   |

Annual Total (mm): 98

Days Down: 6.37

Gage 0785 down from 02/11 11:43 (32) through 02/13 11:43 (32) due to data collision; no rain fell.

Gage 0785 down from 10/14 05:42 (8) through 10/18 17:42 (8) due to repeater failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz R. @ SR 84 (gage # 785) for Water Year 2010**

| DAY                      | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 2                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 3                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 4                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 5                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 6                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 7                        |      |      | .04  |      | .11  | .28  |      |      |      |      |      | .04  |
| 8                        |      |      | .08  |      |      | .24  |      |      |      |      |      |      |
| 9                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 10                       |      |      |      |      | .04  |      |      |      |      |      |      |      |
| 11                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 12                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 13                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 14                       |      | .08  |      |      |      |      |      |      |      |      |      |      |
| 15                       |      |      |      |      |      |      |      |      |      | ---- |      |      |
| 16                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 17                       |      |      |      |      |      |      |      |      |      |      | .08  |      |
| 18                       |      |      |      | .04  |      |      |      |      |      | .04  |      |      |
| 19                       |      |      |      | .31  | .04  |      |      |      |      |      |      |      |
| 20                       |      |      |      | .04  | .16  |      |      |      |      |      |      |      |
| 21                       |      |      |      | 1.02 | .04  |      |      |      |      |      | .16  |      |
| 22                       |      |      | .04  | .63  | .04  |      |      |      |      |      |      |      |
| 23                       |      |      |      |      |      | .08  |      |      |      |      |      |      |
| 24                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 25                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 26                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 27                       |      |      |      | .08  |      |      |      |      |      |      | .24  |      |
| 28                       |      |      |      | .40  | .20  |      |      |      |      | .08  |      |      |
| 29                       |      |      |      |      | ---- |      |      |      |      | .39  |      |      |
| 30                       |      |      |      |      | ---- |      |      |      |      | .04  |      |      |
| 31                       |      | ---- |      |      | ---- |      | ---- |      | ---- | .87  |      | ---- |
| SUM                      | 0.00 | 0.08 | 0.16 | 2.52 | 0.63 | 0.59 | 0.00 | 0.00 | 0.00 | 1.42 | 0.47 | 0.04 |
| ACC                      | 0.00 | 0.08 | 0.24 | 2.76 | 3.39 | 3.98 | 3.98 | 3.98 | 3.98 | 5.40 | 5.87 | 5.91 |
| MAX                      | 0.00 | 0.08 | 0.08 | 1.02 | 0.20 | 0.28 | 0.00 | 0.00 | 0.00 | 0.87 | 0.24 | 0.04 |
| NO.                      | 0    | 1    | 3    | 7    | 7    | 3    | 0    | 0    | 0    | 5    | 3    | 1    |
| Maximum Daily Rainfall   |      |      |      |      |      |      |      |      |      |      |      | 1.02 |
| Maximum Monthly Rainfall |      |      |      |      |      |      |      |      |      |      |      | 2.52 |
| Total Annual Rainfall    |      |      |      |      |      |      |      |      |      |      |      | 5.91 |
| Number of Days with Rain |      |      |      |      |      |      |      |      |      |      |      | 30   |

**Notes:**

Annual rainfall in millimeters: 150

Gage 0785 down from 07/14 20:56 (101) through 07/16 20:56 (101) due to data collision; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 2009**

| DAY                      | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 2                        |      |      |      |      |      |      |      |      |      | .16  |      |      |
| 3                        |      |      |      |      |      |      |      |      |      | .43  |      | .04  |
| 4                        |      |      |      | .24  |      |      |      |      |      | .04  |      |      |
| 5                        |      |      |      |      |      |      |      |      |      |      |      | .16  |
| 6                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 7                        |      |      |      |      | .04  |      |      |      |      |      |      |      |
| 8                        |      |      |      |      | .35  |      |      |      |      |      |      |      |
| 9                        |      | .12  |      |      | .39  |      |      |      |      |      |      |      |
| 10                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 11                       |      |      |      |      |      |      | .16  |      |      |      |      |      |
| 12                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 13                       |      |      |      |      |      |      |      |      |      |      | .12  |      |
| 14                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 15                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 16                       |      |      | .47  |      |      |      |      |      |      |      |      |      |
| 17                       |      |      | .24  |      | .08  |      |      | .08  |      |      |      |      |
| 18                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 19                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 20                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 21                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 22                       |      |      |      |      |      |      |      | .04  |      |      | .08  |      |
| 23                       |      |      | .04  |      |      |      |      |      |      |      |      |      |
| 24                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 25                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 26                       |      | .12  | .04  |      |      | ---- |      |      |      |      |      |      |
| 27                       |      | .24  |      |      |      | ---- |      |      |      |      |      |      |
| 28                       |      |      |      |      |      | ---- |      |      |      |      |      |      |
| 29                       |      |      |      |      | ---- | ---- |      |      |      |      |      |      |
| 30                       |      |      |      |      | ---- | ---- |      |      |      |      |      |      |
| 31                       |      | ---- |      |      | ---- |      | ---- |      | ---- |      | .04  | ---- |
| SUM                      | 0.00 | 0.47 | 0.79 | 0.24 | 0.87 | 0.00 | 0.16 | 0.12 | 0.00 | 0.63 | 0.24 | 0.20 |
| ACC                      | 0.00 | 0.47 | 1.26 | 1.50 | 2.36 | 2.36 | 2.52 | 2.64 | 2.64 | 3.27 | 3.50 | 3.70 |
| MAX                      | 0.00 | 0.24 | 0.47 | 0.24 | 0.39 | 0.00 | 0.16 | 0.08 | 0.00 | 0.43 | 0.12 | 0.16 |
| NO.                      | 0    | 3    | 4    | 1    | 4    | 0    | 1    | 2    | 0    | 3    | 3    | 2    |
| Maximum Daily Rainfall   |      |      |      |      |      |      |      |      |      |      |      | 0.47 |
| Maximum Monthly Rainfall |      |      |      |      |      |      |      |      |      |      |      | 0.87 |
| Total Annual Rainfall    |      |      |      |      |      |      |      |      |      |      |      | 3.70 |
| Number of Days with Rain |      |      |      |      |      |      |      |      |      |      |      | 23   |

**Notes:**

Annual rainfall in millimeters: 94  
 Gage 0785 down from 3/25 14:02 (60) through 3/31 14:02 (60) due to failure of Sacaton repeater, no rain fell.

Total down-time: 6.00 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz R. @ SR 84 (gage # 785) for Water Year 2008**

| DAY                      | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 2                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 3                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 4                        |      |      |      |      | .43  |      |      |      |      |      |      |      |
| 5                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 6                        |      |      |      | .16  |      |      |      |      |      |      |      |      |
| 7                        |      |      | .20  | .20  |      |      |      |      |      |      | .12  |      |
| 8                        |      |      | .28  |      |      |      |      |      |      |      |      | .04  |
| 9                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 10                       |      |      | .28  |      |      |      |      |      |      | .04  |      |      |
| 11                       |      |      | .16  |      |      |      |      |      |      |      |      |      |
| 12                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 13                       |      |      |      |      |      |      |      |      |      | .79  |      |      |
| 14                       |      |      |      |      |      |      |      |      |      |      | .04  |      |
| 15                       |      | .04  |      |      | .24  |      |      |      |      |      |      |      |
| 16                       |      |      |      |      | .04  | .04  |      |      |      |      |      | .04  |
| 17                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 18                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 19                       |      |      |      |      |      |      |      |      |      | .08  |      |      |
| 20                       |      |      |      |      |      |      |      |      |      | .04  |      |      |
| 21                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 22                       |      |      |      |      |      |      |      | 1.06 |      |      |      |      |
| 23                       |      |      |      |      |      |      |      | .08  |      |      |      |      |
| 24                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 25                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 26                       |      |      |      |      |      |      |      |      | .12  |      |      |      |
| 27                       |      |      |      | .47  |      |      |      |      |      |      |      |      |
| 28                       |      |      |      | .04  |      |      |      |      |      |      | .39  |      |
| 29                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 30                       |      | .91  |      |      | ---- |      |      |      |      |      |      |      |
| 31                       |      | ---- |      |      | ---- |      | ---- |      | ---- |      | .12  | ---- |
| SUM                      | 0.00 | 0.94 | 0.91 | 0.87 | 0.71 | 0.04 | 0.00 | 1.14 | 0.12 | 0.94 | 0.67 | 0.08 |
| ACC                      | 0.00 | 0.94 | 1.85 | 2.72 | 3.43 | 3.46 | 3.46 | 4.61 | 4.72 | 5.67 | 6.34 | 6.42 |
| MAX                      | 0.00 | 0.91 | 0.28 | 0.47 | 0.43 | 0.04 | 0.00 | 1.06 | 0.12 | 0.79 | 0.39 | 0.04 |
| NO.                      | 0    | 2    | 4    | 4    | 3    | 1    | 0    | 2    | 1    | 4    | 4    | 2    |
| Maximum Daily Rainfall   |      |      |      |      |      |      |      |      |      |      |      | 1.06 |
| Maximum Monthly Rainfall |      |      |      |      |      |      |      |      |      |      |      | 1.14 |
| Total Annual Rainfall    |      |      |      |      |      |      |      |      |      |      |      | 6.42 |
| Number of Days with Rain |      |      |      |      |      |      |      |      |      |      |      | 27   |

**Notes:**

Annual rainfall in millimeters: 163

Total down-time: 0.00 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 2007**

| DAY                      | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 2                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 3                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 4                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 5                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 6                        |      |      |      |      |      |      |      |      |      | .08  |      |      |
| 7                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 8                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 9                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 10                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 11                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 12                       |      |      |      |      |      |      | .04  |      |      |      |      |      |
| 13                       |      |      |      |      |      |      |      |      |      |      | .16  |      |
| 14                       |      |      |      |      |      |      |      |      |      |      | .08  |      |
| 15                       |      |      |      |      |      |      |      |      |      |      | .04  |      |
| 16                       |      |      |      |      |      |      |      |      |      | .04  |      |      |
| 17                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 18                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 19                       |      |      |      | .08  | .04  |      |      |      |      |      |      |      |
| 20                       |      |      |      |      | .08  |      |      |      |      |      |      |      |
| 21                       |      |      |      | .04  |      |      | .08  |      |      |      |      |      |
| 22                       |      |      |      |      |      | .91  |      |      |      | .04  |      |      |
| 23                       |      |      |      |      |      | .04  |      |      |      | .35  |      |      |
| 24                       |      |      |      |      |      |      |      |      |      | .24  |      |      |
| 25                       |      |      |      |      |      |      |      |      |      |      | .24  |      |
| 26                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 27                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 28                       |      |      | .12  |      |      |      |      |      |      | .94  |      |      |
| 29                       |      |      | .04  |      | ---- |      |      |      |      |      |      |      |
| 30                       |      |      |      |      | ---- |      |      |      |      | .08  |      |      |
| 31                       |      | ---- |      | .31  | ---- |      | ---- |      | ---- |      |      | ---- |
| SUM                      | 0.00 | 0.00 | 0.16 | 0.43 | 0.12 | 0.94 | 0.12 | 0.00 | 0.00 | 1.77 | 0.51 | 0.00 |
| ACC                      | 0.00 | 0.00 | 0.16 | 0.59 | 0.71 | 1.65 | 1.77 | 1.77 | 1.77 | 3.54 | 4.06 | 4.06 |
| MAX                      | 0.00 | 0.00 | 0.12 | 0.31 | 0.08 | 0.91 | 0.08 | 0.00 | 0.00 | 0.94 | 0.24 | 0.00 |
| NO.                      | 0    | 0    | 2    | 3    | 2    | 2    | 2    | 0    | 0    | 7    | 4    | 0    |
| Maximum Daily Rainfall   |      |      |      |      |      |      |      |      |      |      |      | 0.94 |
| Maximum Monthly Rainfall |      |      |      |      |      |      |      |      |      |      |      | 1.77 |
| Total Annual Rainfall    |      |      |      |      |      |      |      |      |      |      |      | 4.06 |
| Number of Days with Rain |      |      |      |      |      |      |      |      |      |      |      | 22   |

**Notes:**

Annual rainfall in millimeters: 103

Total down-time: 0.00 days



## Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 2006

| DAY | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr                      | May  | Jun  | Jul  | Aug  | Sep  |
|-----|------|------|------|------|------|------|--------------------------|------|------|------|------|------|
| 1   |      |      |      |      |      |      |                          |      |      |      |      |      |
| 2   |      |      |      |      |      |      |                          |      |      |      |      | 1.06 |
| 3   |      |      |      |      |      |      |                          |      |      |      |      | .04  |
| 4   |      |      |      |      |      |      |                          |      |      |      |      |      |
| 5   |      |      |      |      |      |      |                          |      |      | .43  |      | .24  |
| 6   |      |      |      |      |      |      |                          |      | .16  |      |      |      |
| 7   |      |      |      |      |      |      |                          |      | .04  |      |      | .31  |
| 8   |      |      |      |      |      |      |                          |      |      |      |      | .04  |
| 9   |      |      |      |      |      |      |                          |      |      |      | .20  | .20  |
| 10  |      |      |      |      |      |      |                          |      | ---- |      |      |      |
| 11  |      |      |      |      |      | 1.73 |                          |      | ---- |      |      |      |
| 12  |      |      |      |      |      | .16  |                          |      |      |      | .12  |      |
| 13  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 14  |      |      |      |      |      |      |                          |      |      |      | .91  |      |
| 15  |      |      |      |      |      |      | ----                     |      |      |      | .04  |      |
| 16  |      |      |      |      |      |      | ----                     |      |      |      |      |      |
| 17  | .20  |      |      |      |      |      | ----                     |      |      |      |      |      |
| 18  |      |      |      |      |      |      | ----                     |      |      |      |      |      |
| 19  |      |      |      |      |      | .24  |                          |      |      |      |      |      |
| 20  |      |      |      |      |      | .04  |                          |      |      |      |      |      |
| 21  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 22  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 23  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 24  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 25  |      |      |      |      |      |      |                          |      |      | .20  |      |      |
| 26  |      |      |      |      |      |      |                          |      |      | .08  | ---- |      |
| 27  |      |      |      |      |      |      |                          |      |      | .16  | ---- |      |
| 28  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 29  |      |      |      |      | ---- |      |                          |      |      |      |      |      |
| 30  |      |      |      |      | ---- |      |                          |      |      |      |      |      |
| 31  |      | ---- |      |      | ---- |      | ----                     |      | ---- |      |      | ---- |
| SUM | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 2.17 | 0.00                     | 0.00 | 0.20 | 0.94 | 1.26 | 1.89 |
| ACC | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 2.36 | 2.36                     | 2.36 | 2.56 | 3.50 | 4.76 | 6.65 |
| MAX | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 0.00                     | 0.00 | 0.16 | 0.43 | 0.91 | 1.06 |
| NO. | 1    | 0    | 0    | 0    | 0    | 4    | 0                        | 0    | 2    | 5    | 4    | 6    |
|     |      |      |      |      |      |      | Maximum Daily Rainfall   |      |      |      |      | 1.73 |
|     |      |      |      |      |      |      | Maximum Monthly Rainfall |      |      |      |      | 2.17 |
|     |      |      |      |      |      |      | Total Annual Rainfall    |      |      |      |      | 6.65 |
|     |      |      |      |      |      |      | Number of Days with Rain |      |      |      |      | 22   |

**Notes:**

Annual rainfall in millimeters: 169

Total down-time: 10.06 days

Gage 0785 down from 4/14 20:43 (60) through 4/19 11:21 (60) due to antenna problem; no rain fell.

Gage 0785 down from 6/09 10:11 (65) through 6/12 08:29 (65) due to programming error; no rain fell.

Gage 0785 down from 8/25 20:29 (121) through 8/28 09:00 (121) for unknown reason; no rain fell.

# Flood Control District of Maricopa County ALERT System

Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 2005

| DAY | Oct  | Nov   | Dec  | Jan  | Feb   | Mar  | Apr                      | May  | Jun   | Jul  | Aug  | Sep   |
|-----|------|-------|------|------|-------|------|--------------------------|------|-------|------|------|-------|
| 1   |      |       |      |      |       |      |                          |      |       |      |      |       |
| 2   |      |       |      |      |       |      |                          |      |       |      | .39  |       |
| 3   |      |       |      | .91  |       |      |                          |      |       |      | .08  |       |
| 4   |      |       | .39  | .35  |       |      |                          |      |       |      |      |       |
| 5   |      |       | .24  |      |       | .51  |                          |      |       |      |      |       |
| 6   |      |       |      |      |       | .08  |                          |      |       |      |      |       |
| 7   |      |       |      |      |       |      |                          |      |       |      |      |       |
| 8   |      |       |      |      |       |      |                          |      |       |      | .31  |       |
| 9   |      |       |      |      |       |      |                          |      |       |      |      |       |
| 10  |      |       |      |      | .12   |      |                          |      |       |      |      |       |
| 11  |      |       |      |      | .55   |      |                          |      |       |      |      |       |
| 12  |      |       |      |      | .39   |      |                          |      |       |      |      |       |
| 13  |      |       |      |      |       |      |                          |      |       |      |      |       |
| 14  |      |       |      |      |       |      |                          |      |       |      |      |       |
| 15  |      |       |      |      |       |      |                          |      |       |      |      |       |
| 16  |      |       |      |      |       |      |                          |      |       |      |      |       |
| 17  |      |       |      |      | .28   |      |                          |      |       |      |      |       |
| 18  |      |       |      |      | .04   |      |                          |      |       |      |      |       |
| 19  |      |       |      |      | .43   |      |                          |      |       |      |      |       |
| 20  |      |       |      |      |       |      |                          |      |       |      |      |       |
| 21  | .20  |       |      |      | .04   |      |                          |      |       |      |      |       |
| 22  | .04  | .12   |      |      | .08   |      |                          |      |       |      |      |       |
| 23  |      |       |      |      |       |      | .04                      |      |       | .31  |      |       |
| 24  |      |       |      |      |       |      |                          |      |       | .04  |      |       |
| 25  |      |       |      |      |       |      |                          |      |       |      |      |       |
| 26  |      |       |      | .16  |       |      |                          |      |       |      |      |       |
| 27  |      |       |      | .04  |       |      |                          |      |       |      |      |       |
| 28  | .55  |       |      |      |       |      |                          |      |       |      |      |       |
| 29  | .04  |       | .43  |      | ----- |      |                          |      |       |      |      |       |
| 30  |      |       |      |      | ----- |      |                          |      |       | .16  |      |       |
| 31  |      | ----- |      |      | ----- |      | -----                    |      | ----- |      |      | ----- |
| SUM | 0.83 | 0.12  | 1.06 | 1.46 | 1.93  | 0.59 | 0.04                     | 0.00 | 0.00  | 0.51 | 0.79 | 0.00  |
| ACC | 0.83 | 0.94  | 2.01 | 3.46 | 5.39  | 5.98 | 6.02                     | 6.02 | 6.02  | 6.54 | 7.32 | 7.32  |
| MAX | 0.55 | 0.12  | 0.43 | 0.91 | 0.55  | 0.51 | 0.04                     | 0.00 | 0.00  | 0.31 | 0.39 | 0.00  |
| NO. | 4    | 1     | 3    | 4    | 8     | 2    | 1                        | 0    | 0     | 3    | 3    | 0     |
|     |      |       |      |      |       |      | Maximum Daily Rainfall   |      |       |      |      | 0.91  |
|     |      |       |      |      |       |      | Maximum Monthly Rainfall |      |       |      |      | 1.93  |
|     |      |       |      |      |       |      | Total Annual Rainfall    |      |       |      |      | 7.32  |
|     |      |       |      |      |       |      | Number of Days with Rain |      |       |      |      | 29    |

### Notes:

Annual rainfall in millimeters: 186

Total down-time: 0.00 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 2004**

| DAY                      | Oct  | Nov   | Dec  | Jan  | Feb   | Mar  | Apr   | May  | Jun   | Jul  | Aug  | Sep   |
|--------------------------|------|-------|------|------|-------|------|-------|------|-------|------|------|-------|
| 1                        |      |       |      |      |       |      |       |      |       |      |      |       |
| 2                        |      |       |      |      |       | .08  | .12   |      |       |      |      |       |
| 3                        |      |       |      |      | .04   | .04  |       |      |       |      |      |       |
| 4                        |      |       |      |      |       | .28  | .12   |      |       |      |      |       |
| 5                        |      |       |      |      |       |      |       |      |       |      |      |       |
| 6                        |      |       |      |      |       |      |       |      |       |      | .04  |       |
| 7                        |      |       |      |      |       |      |       |      |       |      |      |       |
| 8                        |      |       |      |      |       |      |       |      |       |      |      |       |
| 9                        |      |       |      |      |       |      |       |      |       |      |      |       |
| 10                       |      |       |      |      |       |      |       |      |       |      |      |       |
| 11                       |      |       |      |      |       |      |       |      |       |      |      |       |
| 12                       |      | .28   |      |      |       |      |       |      |       |      |      |       |
| 13                       |      |       |      |      |       |      |       |      |       | .12  | .28  |       |
| 14                       |      |       |      |      |       |      |       |      |       | .04  |      |       |
| 15                       |      |       |      |      |       |      |       |      |       |      | .87  |       |
| 16                       |      |       |      |      |       |      |       |      |       |      | .12  |       |
| 17                       |      |       |      |      |       |      |       |      |       |      |      |       |
| 18                       |      |       |      |      |       |      |       |      |       |      |      | .87   |
| 19                       |      |       |      |      |       |      |       |      |       |      |      | .04   |
| 20                       |      |       |      |      |       |      |       |      |       |      |      |       |
| 21                       |      |       |      | .08  |       |      |       |      |       |      |      |       |
| 22                       |      |       |      | .28  |       |      |       |      |       |      |      |       |
| 23                       |      |       |      | .28  | .79   |      |       |      |       |      |      |       |
| 24                       |      |       | .08  |      |       |      |       |      |       |      |      |       |
| 25                       |      |       |      |      |       |      |       |      |       | .47  |      |       |
| 26                       |      |       | .04  |      |       |      |       |      |       | .04  |      |       |
| 27                       |      |       |      |      |       |      |       |      |       |      |      |       |
| 28                       |      |       |      |      |       |      |       |      |       |      |      |       |
| 29                       |      |       |      |      |       |      |       |      |       |      |      |       |
| 30                       |      |       |      |      | ----- |      |       |      |       |      |      |       |
| 31                       |      | ----- |      |      | ----- | .04  | ----- |      | ----- |      |      | ----- |
| SUM                      | 0.00 | 0.28  | 0.12 | 0.63 | 0.83  | 0.43 | 0.24  | 0.00 | 0.00  | 0.67 | 1.30 | 0.91  |
| ACC                      | 0.00 | 0.28  | 0.39 | 1.02 | 1.85  | 2.28 | 2.52  | 2.52 | 2.52  | 3.19 | 4.49 | 5.39  |
| MAX                      | 0.00 | 0.28  | 0.08 | 0.28 | 0.79  | 0.28 | 0.12  | 0.00 | 0.00  | 0.47 | 0.87 | 0.87  |
| NO.                      | 0    | 1     | 2    | 3    | 2     | 4    | 2     | 0    | 0     | 4    | 4    | 2     |
| Maximum Daily Rainfall   |      |       |      |      |       |      |       |      |       |      |      | 0.87  |
| Maximum Monthly Rainfall |      |       |      |      |       |      |       |      |       |      |      | 1.30  |
| Total Annual Rainfall    |      |       |      |      |       |      |       |      |       |      |      | 5.39  |
| Number of Days with Rain |      |       |      |      |       |      |       |      |       |      |      | 24    |

**Notes:**

Annual rainfall in millimeters: 137

Total down-time: 0.00 days

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 2003

[illegible]

### Notes:

Total annual rainfall in millimeters: 134

Total down-time: 0.00 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz @ SR 84 (gage # 0785) for Water Year 2002**

| DAY                      | Oct  | Nov   | Dec  | Jan   | Feb   | Mar  | Apr   | May  | Jun   | Jul  | Aug  | Sep   |      |
|--------------------------|------|-------|------|-------|-------|------|-------|------|-------|------|------|-------|------|
| 1                        |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 2                        |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 3                        |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 4                        |      |       | .59  |       |       |      |       |      |       |      | .04  |       |      |
| 5                        |      | .20   |      |       |       |      |       |      |       |      |      |       |      |
| 6                        | .16  | .04   |      |       |       |      |       |      |       |      |      | .71   |      |
| 7                        | .28  |       |      |       |       | .04  |       |      |       |      |      | .08   |      |
| 8                        |      |       |      |       |       | .04  |       |      |       |      |      | .08   |      |
| 9                        |      |       |      |       |       |      |       |      |       | .08  |      | .12   |      |
| 10                       |      |       |      |       |       |      |       |      |       |      |      | .43   |      |
| 11                       |      |       | .16  |       |       |      |       |      |       |      |      |       |      |
| 12                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 13                       |      |       |      | ----- |       |      |       |      |       |      |      |       |      |
| 14                       |      |       |      | ----- |       |      |       |      |       |      |      |       |      |
| 15                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 16                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 17                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 18                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 19                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 20                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 21                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 22                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 23                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 24                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 25                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 26                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 27                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 28                       |      |       |      |       |       |      |       |      |       |      |      |       |      |
| 29                       |      |       |      |       | ----- |      |       |      |       |      |      |       |      |
| 30                       |      |       |      | .04   | ----- |      |       |      |       |      |      |       |      |
| 31                       |      | ----- |      |       | ----- |      | ----- |      | ----- |      |      | ----- |      |
| SUM                      | 0.43 | 0.24  | 0.75 | 0.04  | 0.00  | 0.08 | 0.00  | 0.00 | 0.00  | 0.08 | 0.04 | 1.42  |      |
| ACC                      | 0.43 | 0.67  | 1.42 | 1.46  | 1.46  | 1.54 | 1.54  | 1.54 | 1.54  | 1.61 | 1.65 | 3.07  |      |
| MAX                      | 0.28 | 0.20  | 0.59 | 0.04  | 0.00  | 0.04 | 0.00  | 0.00 | 0.00  | 0.08 | 0.04 | 0.71  |      |
| NO.                      | 2    | 2     | 2    | 1     | 0     | 2    | 0     | 0    | 0     | 1    | 1    | 5     |      |
| Maximum Daily Rainfall   |      |       |      |       |       |      |       |      |       |      |      |       | 0.71 |
| Maximum Monthly Rainfall |      |       |      |       |       |      |       |      |       |      |      |       | 1.42 |
| Total Annual Rainfall    |      |       |      |       |       |      |       |      |       |      |      |       | 3.07 |
| Number of Days with Rain |      |       |      |       |       |      |       |      |       |      |      |       | 16   |

**Notes:**

Total annual rainfall in millimeters: 132  
 Total down-time: 2.22 days  
 Gage 0785 down from 01/12 04:27 (36) through 01/14 09:40 (36) due to battery failure; no rain fell.

# Flood Control District of Maricopa County ALERT System

Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 2001

| DAY | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr                      | May  | Jun  | Jul  | Aug  | Sep  |
|-----|------|------|------|------|------|------|--------------------------|------|------|------|------|------|
| 1   |      |      |      | ---- |      |      |                          |      |      | ---- |      |      |
| 2   |      |      |      |      |      |      |                          |      |      | ---- |      |      |
| 3   |      |      |      |      |      |      |                          |      |      | ---- |      |      |
| 4   |      |      |      |      |      |      |                          |      |      | ---- |      |      |
| 5   |      |      |      |      |      |      | .08                      |      |      | ---- |      |      |
| 6   |      | .24  |      |      |      |      | .51                      |      |      | ---- |      |      |
| 7   |      |      |      |      |      | .87  |                          |      |      | ---- |      |      |
| 8   |      |      |      | .04  | .12  |      |                          |      |      | ---- |      |      |
| 9   |      |      |      | .16  |      |      |                          |      |      | ---- | .24  |      |
| 10  | .04  | .12  |      | .04  |      | .04  | .04                      |      |      | ---- | .04  |      |
| 11  |      | .04  |      |      |      |      |                          |      |      | .04  |      |      |
| 12  |      |      |      | .28  |      |      |                          |      |      |      |      |      |
| 13  |      |      |      |      |      |      |                          |      |      |      | .71  |      |
| 14  |      |      |      |      | .20  |      |                          |      |      |      |      |      |
| 15  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 16  |      |      |      | .16  |      |      |                          |      |      |      |      |      |
| 17  |      | ---- |      |      |      |      |                          |      |      |      | .20  |      |
| 18  |      | ---- |      |      |      |      |                          |      |      |      |      |      |
| 19  | .16  | ---- |      |      |      |      |                          |      |      |      |      |      |
| 20  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 21  | .39  |      |      |      |      |      | .51                      |      |      |      |      |      |
| 22  | .55  |      |      |      |      |      |                          |      |      |      |      |      |
| 23  | .04  |      |      |      |      |      |                          |      |      |      |      |      |
| 24  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 25  |      |      |      |      | .04  |      |                          |      |      |      |      |      |
| 26  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 27  | .67  |      |      | .39  | .08  |      |                          |      |      |      |      |      |
| 28  |      |      | ---- |      | .08  |      |                          |      |      |      |      |      |
| 29  |      |      | ---- |      | ---- |      |                          |      |      | .35  |      |      |
| 30  | .12  |      | ---- |      | ---- |      |                          |      | ---- | .12  |      |      |
| 31  |      | ---- | ---- |      | ---- |      | ----                     |      | ---- |      |      | ---- |
| SUM | 1.97 | 0.39 | 0.00 | 1.06 | 0.51 | 0.91 | 1.14                     | 0.00 | 0.00 | 0.51 | 1.18 | 0.00 |
| ACC | 1.97 | 2.36 | 2.36 | 3.43 | 3.94 | 4.84 | 5.98                     | 5.98 | 5.98 | 6.50 | 7.68 | 7.68 |
| MAX | 0.67 | 0.24 | 0.00 | 0.39 | 0.20 | 0.87 | 0.51                     | 0.00 | 0.00 | 0.35 | 0.71 | 0.00 |
| NO. | 7    | 3    | 0    | 6    | 5    | 2    | 4                        | 0    | 0    | 3    | 4    | 0    |
|     |      |      |      |      |      |      | Maximum Daily Rainfall   |      |      |      |      | 0.87 |
|     |      |      |      |      |      |      | Maximum Monthly Rainfall |      |      |      |      | 1.97 |
|     |      |      |      |      |      |      | Total Annual Rainfall    |      |      |      |      | 7.68 |
|     |      |      |      |      |      |      | Number of Days with Rain |      |      |      |      | 34   |

### Notes:

Annual rainfall in millimeters: 195

Total down-time: 22.23 days

Gage 785 down from 11/16 10:47 (60) through 11/20 10:11 (60) due to battery failure; no rain fell.

Gage 785 down from 12/27 10:25 (60) through 01/02 09:12 (60) due to transmitter failure; no rain fell.

Gage 785 down from 06/29 03:18 (152) through 07/11 10:38 (152) due to battery failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 2000**

| DAY                      | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 2                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 3                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 4                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 5                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 6                        |      |      |      |      |      | 1.18 |      |      |      |      |      |      |
| 7                        |      |      |      |      |      | .31  |      |      |      |      | .47  |      |
| 8                        |      |      |      |      |      |      |      |      |      |      | .04  |      |
| 9                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 10                       |      |      |      |      |      |      |      |      |      |      |      | .08  |
| 11                       |      |      |      |      |      |      |      |      |      |      | .04  |      |
| 12                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 13                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 14                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 15                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 16                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 17                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 18                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 19                       |      |      |      |      |      |      |      |      | .16  |      |      |      |
| 20                       |      |      |      |      |      |      |      |      | .24  |      |      |      |
| 21                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 22                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 23                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 24                       |      |      |      |      | .04  |      |      |      |      |      |      |      |
| 25                       |      |      |      |      |      |      |      |      |      |      | ---- |      |
| 26                       |      |      |      |      |      |      |      |      |      | ---- | ---- |      |
| 27                       |      |      |      |      |      |      |      |      |      |      | ---- |      |
| 28                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 29                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 30                       |      |      |      |      | ---- |      |      |      | .04  |      |      |      |
| 31                       |      | ---- |      |      | ---- |      | ---- |      | ---- |      |      | ---- |
| SUM                      | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 1.50 | 0.00 | 0.00 | 0.43 | 0.00 | 0.55 | 0.08 |
| ACC                      | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 1.54 | 1.54 | 1.54 | 1.97 | 1.97 | 2.52 | 2.60 |
| MAX                      | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 1.18 | 0.00 | 0.00 | 0.24 | 0.00 | 0.47 | 0.08 |
| NO.                      | 0    | 0    | 0    | 0    | 1    | 2    | 0    | 0    | 3    | 0    | 3    | 1    |
| Maximum Daily Rainfall   |      |      |      |      |      |      |      |      |      |      |      | 1.18 |
| Maximum Monthly Rainfall |      |      |      |      |      |      |      |      |      |      |      | 1.50 |
| Total Annual Rainfall    |      |      |      |      |      |      |      |      |      |      |      | 2.60 |
| Number of Days with Rain |      |      |      |      |      |      |      |      |      |      |      | 10   |

**Notes:**

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Annual rainfall in millimeters: 66 Total down-time: 5.46 days  
 Gage 785 down from 7/25 09:26 (50) through 7/27 10:58 (50) due to battery failure; no rain fell.  
 Gage 785 down from 8/24 22:47 (64) through 8/28 08:29 (64) due to transmitter failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 1999**

| DAY                      | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1                        |      |      |      |      |      |      | .31  |      |      |      |      |      |
| 2                        |      |      | .08  |      |      |      | .28  |      |      |      |      |      |
| 3                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 4                        |      |      |      |      | .04  |      | .12  |      |      |      |      |      |
| 5                        |      |      |      |      |      |      |      |      |      | .04  | .12  |      |
| 6                        |      |      | .12  |      |      |      |      |      |      | .16  |      |      |
| 7                        |      |      |      |      |      | .08  |      |      |      | .16  |      |      |
| 8                        |      |      |      |      |      |      |      |      |      | .04  |      |      |
| 9                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 10                       |      |      |      |      |      |      |      |      |      | .04  |      |      |
| 11                       |      |      |      |      |      |      |      |      |      |      |      | .08  |
| 12                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 13                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 14                       |      |      |      |      |      |      |      |      |      | .75  |      | .04  |
| 15                       |      |      |      |      |      |      |      |      |      |      | .08  | .04  |
| 16                       |      |      |      |      |      | .12  |      |      |      |      |      |      |
| 17                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 18                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 19                       |      |      |      |      |      |      |      |      |      |      |      | .63  |
| 20                       |      |      |      |      |      |      |      |      |      |      |      | ---- |
| 21                       |      | ---- |      |      |      |      |      |      |      |      |      |      |
| 22                       |      | ---- |      |      |      |      |      |      |      |      |      | .16  |
| 23                       |      |      |      |      |      |      |      |      |      | .20  |      | .08  |
| 24                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 25                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 26                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 27                       |      |      |      |      |      |      |      |      |      |      | .16  |      |
| 28                       |      |      |      |      |      |      |      |      |      | .08  | .04  |      |
| 29                       |      |      |      |      | ---- |      |      |      |      | .16  |      |      |
| 30                       |      |      |      |      | ---- |      |      |      |      |      |      |      |
| 31                       |      | ---- |      |      | ---- |      | ---- |      | ---- |      | 1.69 | ---- |
| SUM                      | 0.00 | 0.00 | 0.20 | 0.00 | 0.04 | 0.20 | 0.71 | 0.00 | 0.00 | 1.61 | 2.09 | 1.02 |
| ACC                      | 0.00 | 0.00 | 0.20 | 0.20 | 0.24 | 0.43 | 1.14 | 1.14 | 1.14 | 2.76 | 4.84 | 5.87 |
| MAX                      | 0.00 | 0.00 | 0.12 | 0.00 | 0.04 | 0.12 | 0.31 | 0.00 | 0.00 | 0.75 | 1.69 | 0.63 |
| NO.                      | 0    | 0    | 2    | 0    | 1    | 2    | 3    | 0    | 0    | 9    | 5    | 6    |
| Maximum Daily Rainfall   |      |      |      |      |      |      |      |      |      |      |      | 1.69 |
| Maximum Monthly Rainfall |      |      |      |      |      |      |      |      |      |      |      | 2.09 |
| Total Annual Rainfall    |      |      |      |      |      |      |      |      |      |      |      | 5.87 |
| Number of Days with Rain |      |      |      |      |      |      |      |      |      |      |      | 28   |

**Notes:**

Annual rainfall in millimeters: 149 Total down-time: 5.00 days  
 Gage down from 11/20 09:57 (0) through 11/23 09:57 (0) due to transmitter failure; no rain fell.  
 Gage down from 9/19 10:04 (127) through 9/21 10:04 (143) due to repeater failure; assigned 16mm to 9/19.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 1998**

| DAY                      | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG   | SEP   |
|--------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 1                        |      |      | .67  |      |      |      | .24  |      |      |      |       |       |
| 2                        |      |      | .12  |      |      |      |      |      |      |      |       |       |
| 3                        |      |      |      |      | .08  |      |      |      |      |      |       |       |
| 4                        |      |      |      |      | .24  |      |      |      |      |      |       | .04   |
| 5                        |      |      |      |      |      |      |      |      |      | .47  |       |       |
| 6                        |      |      | .04  |      |      | .04  |      |      |      |      |       | .12   |
| 7                        |      |      | .16  |      |      |      |      |      |      | .39  |       |       |
| 8                        |      |      | .04  |      | .98  |      |      |      |      |      |       |       |
| 9                        |      |      |      |      | .71  |      |      |      |      |      |       | .04   |
| 10                       |      |      |      | .16  |      |      |      |      |      |      |       |       |
| 11                       |      | .08  |      | .04  |      |      |      |      |      |      |       |       |
| 12                       |      | .04  |      |      |      |      |      |      |      |      |       |       |
| 13                       |      |      |      |      |      |      |      |      |      |      | .04   |       |
| 14                       |      | .04  |      |      |      | .24  |      |      |      |      | .04   |       |
| 15                       |      |      |      |      | .43  |      |      |      |      |      | .83   |       |
| 16                       |      |      |      |      |      |      | ---- |      |      |      |       |       |
| 17                       |      |      |      |      | .12  |      | ---- |      |      |      |       |       |
| 18                       |      |      |      |      | .04  |      |      |      |      | .04  |       |       |
| 19                       |      |      |      |      |      |      |      |      |      |      |       |       |
| 20                       |      |      |      |      | .20  |      |      |      |      |      |       |       |
| 21                       | .08  |      |      |      |      |      |      |      |      |      |       |       |
| 22                       | .16  |      | .12  |      |      |      |      |      |      | 1.14 |       |       |
| 23                       |      |      |      |      |      |      |      |      |      |      |       |       |
| 24                       |      |      |      |      | .51  |      |      |      |      |      | .16   |       |
| 25                       |      |      |      |      |      |      |      |      |      |      |       |       |
| 26                       |      |      |      |      |      | .98  |      |      |      |      |       |       |
| 27                       |      |      |      |      |      |      |      |      |      |      |       |       |
| 28                       |      |      |      |      |      | .35  |      |      |      |      |       |       |
| 29                       |      |      |      |      | ---- | .28  |      |      |      |      |       |       |
| 30                       |      |      |      |      | ---- |      |      |      |      |      |       |       |
| 31                       |      | ---- |      |      | ---- |      | ---- |      | ---- |      |       | ----  |
| SUM                      | 0.24 | 0.16 | 1.14 | 0.20 | 3.31 | 1.89 | 0.24 | 0.00 | 0.00 | 2.05 | 1.06  | 0.20  |
| ACC                      | 0.24 | 0.39 | 1.54 | 1.73 | 5.04 | 6.93 | 7.17 | 7.17 | 7.17 | 9.21 | 10.28 | 10.47 |
| MAX                      | 0.16 | 0.08 | 0.67 | 0.16 | 0.98 | 0.98 | 0.24 | 0.00 | 0.00 | 1.14 | 0.83  | 0.12  |
| NO.                      | 2    | 3    | 6    | 2    | 9    | 5    | 1    | 0    | 0    | 4    | 4     | 3     |
| Maximum Daily Rainfall   |      |      |      |      |      |      |      |      |      |      |       | 1.14  |
| Maximum Monthly Rainfall |      |      |      |      |      |      |      |      |      |      |       | 3.31  |
| Total Annual Rainfall    |      |      |      |      |      |      |      |      |      |      |       | 10.47 |
| Number of Days with Rain |      |      |      |      |      |      |      |      |      |      |       | 39    |

**Notes:**

Annual rainfall in millimeters: 266 Total down-time: 2.5 days  
Gage down from 4/15 17:52 (182) through 4/18 9:52 (182) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz R. @ SR 84 (gage # 785) for Water Year 1997**

| DAY | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR                      | MAY  | JUN  | JUL  | AUG  | SEP  |
|-----|------|------|------|------|------|------|--------------------------|------|------|------|------|------|
| 1   |      |      |      |      |      |      |                          |      |      |      |      |      |
| 2   |      |      |      |      |      |      | .12                      |      |      |      |      |      |
| 3   |      |      |      |      |      |      | .24                      |      |      |      | .04  |      |
| 4   |      |      |      |      |      |      |                          |      |      |      |      |      |
| 5   |      |      |      |      |      |      |                          |      |      |      |      | .16  |
| 6   |      |      |      | .12  |      |      |                          |      |      |      |      | .16  |
| 7   |      |      |      |      |      |      |                          |      |      |      |      |      |
| 8   |      |      |      |      |      |      |                          |      |      |      | .39  |      |
| 9   |      |      |      |      |      |      |                          |      | .16  | .04  |      |      |
| 10  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 11  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 12  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 13  |      |      |      | .04  |      |      |                          |      |      |      |      |      |
| 14  |      |      |      | .04  |      |      |                          |      |      |      |      |      |
| 15  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 16  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 17  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 18  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 19  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 20  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 21  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 22  |      | .16  |      |      |      |      |                          |      |      |      |      |      |
| 23  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 24  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 25  |      |      |      |      |      |      |                          |      |      |      |      |      |
| 26  |      |      |      | .08  |      |      |                          |      |      |      |      |      |
| 27  |      | .08  |      |      | .04  |      |                          |      |      |      |      |      |
| 28  |      |      |      |      | .12  |      |                          |      |      |      |      |      |
| 29  |      | .16  |      |      |      |      |                          |      |      | .04  |      |      |
| 30  |      |      |      |      |      |      |                          |      |      |      | .39  |      |
| 31  |      |      |      |      |      |      |                          |      |      |      |      |      |
| SUM | 0.00 | 0.39 | 0.00 | 0.28 | 0.16 | 0.00 | 0.35                     | 0.00 | 0.00 | 0.20 | 0.87 | 0.31 |
| ACC | 0.00 | 0.39 | 0.39 | 0.71 | 0.87 | 0.87 | 1.22                     | 1.22 | 1.22 | 1.42 | 2.28 | 2.60 |
| MAX | 0.00 | 0.16 | 0.00 | 0.12 | 0.12 | 0.00 | 0.24                     | 0.00 | 0.00 | 0.16 | 0.39 | 0.16 |
| NO. | 0    | 3    | 0    | 4    | 2    | 0    | 2                        | 0    | 0    | 2    | 4    | 2    |
|     |      |      |      |      |      |      | Maximum Daily Rainfall   |      |      |      |      | 0.39 |
|     |      |      |      |      |      |      | Maximum Monthly Rainfall |      |      |      |      | 0.87 |
|     |      |      |      |      |      |      | Total Annual Rainfall    |      |      |      |      | 2.60 |
|     |      |      |      |      |      |      | Number of Days with Rain |      |      |      |      | 19   |

**Notes:**

Annual rainfall in millimeters: 66  
 Gage down from 3/31/97 11:32 (22) through 4/3/97 10:01 for unknown reason; assigned 3mm to 4/02 and 4mm to 4/03.

Total down-time: 2.9 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 1996**

| DAY                      | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1                        |      | .08  |      |      | .39  |      |      |      |      |      |      |      |
| 2                        |      |      |      |      | .08  |      |      |      |      |      |      | .08  |
| 3                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 4                        |      |      |      |      |      |      |      |      |      |      |      | .47  |
| 5                        |      | .31  |      |      |      |      |      |      |      |      |      |      |
| 6                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 7                        |      |      |      |      |      |      |      |      |      |      |      |      |
| 8                        |      |      |      |      |      |      |      |      |      |      | .04  |      |
| 9                        |      |      |      |      |      |      |      |      |      | .20  |      |      |
| 10                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 11                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 12                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 13                       |      |      |      |      | .16  | .12  |      |      |      |      |      |      |
| 14                       |      |      |      |      |      | .08  |      |      |      |      |      |      |
| 15                       |      |      |      |      |      |      |      |      |      | .08  |      |      |
| 16                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 17                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 18                       |      |      |      |      |      |      |      |      |      |      | .04  |      |
| 19                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 20                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 21                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 22                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 23                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 24                       |      |      |      |      |      |      |      |      |      |      |      | .08  |
| 25                       |      |      |      |      | .20  |      |      |      |      | .39  |      |      |
| 26                       |      |      |      |      |      |      |      |      |      | .08  |      |      |
| 27                       |      |      |      |      |      |      |      |      |      |      | .20  |      |
| 28                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 29                       |      |      |      |      |      |      |      |      |      |      | .08  |      |
| 30                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 31                       |      |      |      |      |      |      |      |      |      |      |      |      |
| SUM                      | 0.00 | 0.39 | 0.00 | 0.00 | 0.83 | 0.20 | 0.00 | 0.00 | 0.00 | 0.75 | 0.35 | 0.63 |
| ACC                      | 0.00 | 0.39 | 0.39 | 0.39 | 1.22 | 1.42 | 1.42 | 1.42 | 1.42 | 2.17 | 2.56 | 3.19 |
| MAX                      | 0.00 | 0.31 | 0.00 | 0.00 | 0.39 | 0.12 | 0.00 | 0.00 | 0.00 | 0.39 | 0.20 | 0.47 |
| NO.                      | 0    | 2    | 0    | 0    | 4    | 2    | 0    | 0    | 0    | 4    | 4    | 3    |
| Maximum Daily Rainfall   |      |      |      |      |      |      |      |      |      |      |      | 0.47 |
| Maximum Monthly Rainfall |      |      |      |      |      |      |      |      |      |      |      | 0.83 |
| Total Annual Rainfall    |      |      |      |      |      |      |      |      |      |      |      | 3.19 |
| Number of Days with Rain |      |      |      |      |      |      |      |      |      |      |      | 19   |

**Notes:**

Annual Rainfall in mm: 81

Gage down from 12/14 10:18 (10) through 12/19 10:17 (10) due to repeater failure; no rain fell.

Gage down from 4/20 10:16 (36) through 4/23 10:16 (36) due to transmitter failure; no rain fell.

Gage down from 5/07 10:16 (36) through 5/10 10:16 (36) for unknown reason; no rain fell.

Gage down from 5/11 22:16 (36) through 5/14 11:32 (36) for unknown reason; no rain fell.

Gage down from 6/7 23:24 (36) through 6/11 11:25 (36) due to repeater failure; no rain fell.

## Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 1995

[illegible]

**Notes:**

Gage down from 7/25 10:37 (170) through 7/28 10:37 (170) due to Signal Peak repeater failure; no rain fell.  
Annual rainfall in mm: 222

# Flood Control District of Maricopa County ALERT System

Daily Rainfall at Santa Cruz @ SR 84 (gage # 785) for Water Year 1994

[illegible]

**Notes:**

Partial annual rainfall in mm: 87

Gage installed 3/16/94.

Gage down from 9/3 10:15 (75) through 9/7 22:15 (76) due to repeater problem; assigned rainfall to 9/4.

Gage down from 7/28 18:43 (48) through 8/02 22:13 (51) due to repeater problem; assigned rainfall to 7/28.

Gage down from 8/14 10:16 (67) through 8/17 22:16 (72) due to repeater problem; assigned rainfall to 8/16.